

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	16	(US-7092363-\$ or US-6363062-\$ or US-6314163-\$ or US-7092715-\$ or US-6826165-\$ or US-6400702-\$ or US-5748619-\$ or US-4751684-\$ or US-6426814-\$ or US-6687503-\$ or US-5970410-\$ or US-7096173-\$ or US-6487423-\$ or US-7065384-\$ or US-5515369-\$ or US-5946622-\$).did.	USPAT	OR	ON	2006/11/24 09:25
L5	6	4 and (terminal near3 node)	USPAT	OR	ON	2006/11/24 09:25
L6	1	(mesh adj network) and "base station" and (terminal adj node) and sector\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 09:48
L7	7	(mesh near3 network) and "base station" and (terminal near3 node) and sector\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 09:56
L9	4	interference and (management adj (module or control)) and base\$station and sectoriz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:01
L10	0	interference near3 (management adj (module or control)) and base\$station and sectoriz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:02
L11	0	interference near3 (management near3 (module or control)) and base\$station and sectoriz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:03
L12	4	(network near3 management) near3 frequency and sectoriz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:10
L13	184	interference adj management	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:11

## EAST Search History

L14	450	455/446.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/24 16:41
L15	4	L14 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 10:12
L16	288	455/447.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/24 14:14
L17	3	13 and 16	USPAT	OR	ON	2006/11/24 10:16
L18	38	(US-6480753-\$ or US-6456632-\$ or US-5496966-\$ or US-5541914-\$ or US-6018659-\$ or US-6301257-\$ or US-5761619-\$ or US-6445777-\$ or US-6522641-\$ or US-6363062-\$ or US-6314163-\$ or US-5606551-\$ or US-6256295-\$ or US-6323980-\$ or US-6418327-\$ or US-6049593-\$ or US-6426814-\$ or US-5487065-\$ or US-6480495-\$).did. or (GB-2324435-\$ or US-6418327-\$ or US-6256295-\$ or US-6456632-\$ or US-6049593-\$ or EP-1059773-\$ or US-5487065-\$ or US-6301257-\$ or US-6426814-\$ or EP-965795-\$ or US-6445777-\$ or US-5541914-\$ or US-5496966-\$ or EP-837567-\$ or EP-720332-\$ or WO-9963710-\$ or GB-2324436-\$ or US-6323980-\$ or US-5761619-\$). did.	USPAT; DERWENT	OR	ON	2006/11/24 10:29
L19	0	18 and (interference near3 management)	USPAT; DERWENT	OR	ON	2006/11/24 10:30
L20	0	18 and (interference near3 module)	USPAT; DERWENT	OR	ON	2006/11/24 10:30
L21	4	18 and (indor or outdoor)	USPAT; DERWENT	OR	ON	2006/11/24 10:32
L22	1	18 and (terminal adj node)	USPAT; DERWENT	OR	ON	2006/11/24 10:32
L29	25	(cell adj sectoriz\$5) and (interference near3 (control or management))	USPAT	OR	ON	2006/11/24 11:24
L30	0	(cell adj sectoriz\$5) same (interference near3 (control or management))	USPAT	OR	ON	2006/11/24 11:19
L31	3	(interference near3 management) near3 module	USPAT	OR	ON	2006/11/24 11:27

## EAST Search History

L32	0	multi\$sector near3 base\$station	USPAT	OR	ON	2006/11/24 11:28
L33	18	sector\$6 near3 base\$station	USPAT	OR	ON	2006/11/24 11:28
L34	0	22 and 33	USPAT	OR	ON	2006/11/24 11:29
L35	0	31 and 33	USPAT	OR	ON	2006/11/24 11:29
L36	2	repeater and "terminal node" and (mesh near3 network) and sector\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 11:51
L37	14	repeater and "terminal node" and sector\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 11:51
L38	40690	"455"/\$.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/24 11:52
L39	3	37 and 38	USPAT	OR	ON	2006/11/24 11:52
L40	5	18 and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 12:10
L41	6	4 and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 12:11
L42	112	16 and (frequency adj band)	USPAT	OR	ON	2006/11/24 14:15
L43	1	16 and ((frequency adj band) same (alternat\$3 near3 sector))	USPAT	OR	ON	2006/11/24 14:15
L44	2	(network adj management) same frequency same time same directionality	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 14:22
L45	4	(network adj management) and (frequency same time same directionality)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 14:23
L46	5	(US-6314163-\$ or US-6826165-\$ or US-5946622-\$ or US-6424836-\$ or US-6687503-\$).did.	USPAT	OR	ON	2006/11/24 16:24
L47	0	46 and (repeater near3 link)	USPAT	OR	ON	2006/11/24 16:24
L48	2	46 and repeater	USPAT	OR	ON	2006/11/24 16:39

## EAST Search History

L49	292	(frequency adj reuse) and sectoriz\$5	USPAT	OR	ON	2006/11/24 16:40
L50	0	46 and 49	USPAT	OR	ON	2006/11/24 16:40
L51	715	cell adj radius	USPAT	OR	ON	2006/11/24 16:42
L52	77	49 and 51	USPAT	OR	ON	2006/11/24 16:40
L53	661	455/446-447.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/24 16:41
L54	19	52 and 53	USPAT	OR	ON	2006/11/24 16:41
L55	6	(cell adj radius) near3 away	USPAT	OR	ON	2006/11/24 16:43
L56	2	54 and 55	USPAT	OR	ON	2006/11/24 16:43
L57	6	(US-6314163-\$ or US-6826165-\$ or US-5946622-\$ or US-6424836-\$ or US-6687503-\$ or US-5809431-\$).did.	USPAT	OR	ON	2006/11/24 17:18
L58	489	(increas\$3 near3 capacity) and (add\$3 near3 carrier)	USPAT	OR	ON	2006/11/24 17:19
L59	0	57 and 58	USPAT	OR	ON	2006/11/24 17:19
L60	4	53 and 58	USPAT	OR	ON	2006/11/24 17:20
L61	51	repeater same time\$slot	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 17:43
L62	392	38 and 51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 17:41
L63	19	38 and 61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 17:41
L64	5	repeater same time\$slot same carrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 17:43
L65	5	61 and 64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/24 17:43

## EAST Search History

S1	2	"20050068902".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 07:54
S2	0	("2005/0068902").URPN.	USPAT	OR	ON	2006/11/20 10:02
S3	197	370/256.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/20 10:07
S4	2268	mesh near3 network	USPAT	OR	ON	2006/11/20 10:55
S5	14	S3 and S4	USPAT	OR	ON	2006/11/20 10:06
S6	450	455/446.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/22 14:04
S7	14	S4 and S5	USPAT	OR	ON	2006/11/20 10:06
S8	722	370/328.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/20 10:07
S9	3	S4 and S8	USPAT	OR	ON	2006/11/20 10:55
S10	32081	access near3 network	USPAT	OR	ON	2006/11/20 10:55
S11	25	mesh near3 (access near3 network)	USPAT	OR	ON	2006/11/20 10:56
S12	0	S3 and S11	USPAT	OR	ON	2006/11/20 10:57
S13	1	S6 and S11	USPAT	OR	ON	2006/11/20 10:58
S14	0	S8 and S11	USPAT	OR	ON	2006/11/20 10:58
S15	25	(terminal near3 (node or "connetion point")) and in\$door and out\$door	USPAT	OR	ON	2006/11/20 11:09
S16	0	S11 and S15	USPAT	OR	ON	2006/11/20 11:09
S17	0	S8 and S15	USPAT	OR	ON	2006/11/20 11:10
S18	3	S10 and S15	USPAT	OR	ON	2006/11/20 11:14
S19	38	("5487065" "5496966" "5541914" "5606551" "5761619" "6018659" "6049593" "6256295" "6301257" "6314163" "6323980" "6363062" "6418327" "6426814" "6445777" "6456632" "6480753" "6480495" "6522641").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 11:19
S20	25	mesh near3 (access near3 network)	USPAT	OR	ON	2006/11/20 11:28

## EAST Search History

S21	0	S19 AND S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:40
S22	25	(terminal near3 (node or "connetion point")) and in\$door and out\$door	USPAT	OR	ON	2006/11/20 11:24
S23	0	S19 AND S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 11:25
S24	197	370/256.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/20 11:25
S25	2	S19 AND S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 11:25
S26	3905	(base near3 station) and sector	USPAT	OR	ON	2006/11/20 11:30
S27	6	S19 and S26	USPAT	OR	ON	2006/11/20 11:29
S28	479	(base near3 station) and ((multiple or various or "a plurality") near3 sector)	USPAT	OR	ON	2006/11/20 14:01
S29	0	S24 and S28	USPAT	OR	ON	2006/11/20 11:32
S30	2	S19 and S28	USPAT	OR	ON	2006/11/20 13:26
S31	342	mesh same access same network	USPAT	OR	ON	2006/11/20 13:59
S32	8	S19 and S31	USPAT	OR	ON	2006/11/20 13:29
S33	2	09/328,105	USPAT	OR	ON	2006/11/20 13:30
S34	89	mesh with access with network	USPAT	OR	ON	2006/11/20 13:40
S35	5	S19 AND S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:42
S36	3	S24 AND S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:43
S37	450	455/446.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/20 13:43

## EAST Search History

S38	2	S37 AND S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:48
S39	6516	terminal adj node	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:48
S40	1	S37 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:50
S41	14	S24 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:02
S42	23	mesh same access same network same (base adj station)	USPAT	OR	ON	2006/11/20 14:00
S43	0	S41 and S42	USPAT	OR	ON	2006/11/20 14:00
S44	0	(base near3 station) and ((multiple or various or "a plurality") near3 sector) and (mesh same access same network same (base adj station))	USPAT	OR	ON	2006/11/20 14:01
S45	25	S34 and (base adj station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:02
S46	0	S24 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:03
S47	2	S37 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:09
S48	365	S39 and (base adj station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:10

## EAST Search History

S49	0	S48 and (sectorized or sectorization)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:11
S50	39	S48 and sector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:11
S51	0	S24 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:12
S52	0	S37 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:12
S53	722	370/328.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/20 17:23
S54	4	S53 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:17
S55	1	09/540,995	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:17
S56	524	(external or outdoor or outside or outer or peripheral) near3 (terminal near3 node)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:22
S57	10	(US-7092363-\$ or US-6426814-\$ or US-6363062-\$ or US-6314163-\$ or US-6826165-\$ or US-6400702-\$ or US-5748619-\$ or US-4751684-\$ or US-7092715-\$ or US-6687503-\$).did.	USPAT	OR	ON	2006/11/20 17:20
S58	0	S56 and S57	USPAT	OR	ON	2006/11/20 17:23
S59	1	S56 and S48	USPAT	OR	ON	2006/11/20 17:21

## EAST Search History

S60	53	(external or outdoor or outside or outer or peripheral) near3 (terminal adj node)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:38
S61	0	S37 and S60	USPAT	OR	ON	2006/11/20 17:23
S62	0	S24 and S60	USPAT	OR	ON	2006/11/20 17:23
S63	44053	"370"/\$.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/20 17:24
S64	2	S60 and S63	USPAT	OR	ON	2006/11/20 17:24
S65	413	455/452.2.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/22 14:18
S66	10	S65 and (half adj rate)	USPAT	OR	ON	2006/11/22 14:04
S68	140	455/449.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/24 11:52
S69	2	S68 and tunnel	USPAT	OR	ON	2006/11/24 11:18
S70	224	455/448-449.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/22 16:20
S71	1	S70 and ((pico\$cell or micro\$cell) and tunnel)	USPAT	OR	ON	2006/11/22 14:11
S73	1033	455/445.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/24 10:15
S74	87	455/14.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/22 14:16
S75	1955	455/560-562.1.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/22 14:17
S76	2	S65 and (tree adj structure)	USPAT	OR	ON	2006/11/22 14:19
S77	1	S70 and (terminal adj node)	USPAT	OR	ON	2006/11/22 16:24
S78	0	S74 and (terminal adj node)	USPAT	OR	ON	2006/11/22 16:25
S79	4	S75 and (terminal adj node)	USPAT	OR	ON	2006/11/22 16:27
S80	4	sector and base\$station and (terminal adj node)	USPAT	OR	ON	2006/11/22 16:29
S81	0	(sector\$4 with base\$station) same (terminal adj node)	USPAT	OR	ON	2006/11/22 16:30
S82	0	(sector\$4 same base\$station) same (terminal adj node)	USPAT	OR	ON	2006/11/22 16:31
S83	718	(sector\$4 same reus\$3)	USPAT	OR	ON	2006/11/22 16:31

## EAST Search History

S84	24	S70 and S83	USPAT	OR	ON	2006/11/22 16:31
S85	0	S84 and (terminal near3 node)	USPAT	OR	ON	2006/11/22 16:32
S86	3	S84 and node	USPAT	OR	ON	2006/11/22 16:32
S87	171	455/444.ccls. and (@rlad<"20030709" or @ad<"20030709")	USPAT	OR	ON	2006/11/22 17:23
S88	10	S87 and repeater	USPAT	OR	ON	2006/11/22 17:35
S89	1	"5515369".pn.	USPAT	OR	ON	2006/11/22 17:35